

MINH PHAN

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[LinkedIn](#) | [GitHub](#)

EDUCATION

Williams College – Computer Science B.A. | GPA: 3.86 (Dean's List)

SEPTEMBER 2019 - JUNE 2023

Relevant Courses: Human-AI Interactions, Computer Organization, Data Structures & Advanced Programming

SKILLS

Coding Languages: Python, JAVA, C, JavaScript, HTML, CSS, x86-64 Assembly

Tools/Softwares: Excel, Photoshop, Illustrator, Pandas, GDB, Various APIs

PROJECTS

Bayesian Knowledge Tracing – Apple Picking BKT Game ([Link](#))

- A self-designed project for explaining Bayesian Knowledge Tracing concepts through a gamified approach
- Self-taught HTML/CSS and JavaScript to tackle the Full Stack Development role
- Researched UI/UX Design principles to ensure user engagement and ease of access

Satirical Twitter Bot

- Created a Twitter bot that can detect sarcasm and sarcastically reply when it's mentioned and given a headline through Tweets
- Trained the bot using an algorithm from the public fast.ai library
- Utilized the Tweepy API and Python programming to automate responses to users

Cache Simulator

- A simulation of how caches check for hits/misses and evictions from trace files; programmed in C
- Implemented the LRU replacement policy through usage of structs to represent cache framework

WORK EXPERIENCE

Williams College – Teaching Assistant

FEBRUARY 2020 - PRESENT

- Served as an in-lab tutor for Computer Science undergraduate courses
- Duties included assisting professors with debugging lab, explaining course concepts, and grading

Williams College – Research Assistant

JUNE 2020 - AUGUST 2020

- Worked closely with a small group of other undergraduates and a faculty advisor to develop explainable models on Bayesian Knowledge Tracing
- Conducted close reading and research on various forms of Human-Computer Interactions

ORGANIZATIONS

- Underrepresented Identities in Computer Science (UnICS), *Student Board*
- Computer Science Student Activities/Advisory Committee (CoSSAC), *Student Board*
- Williams Students Online (WSO), *Member*